# Active is: Combining successful bond selection with SRI expertise

Allianz Euro Credit SRI November 2019





For fund distributors and professional investors use only.

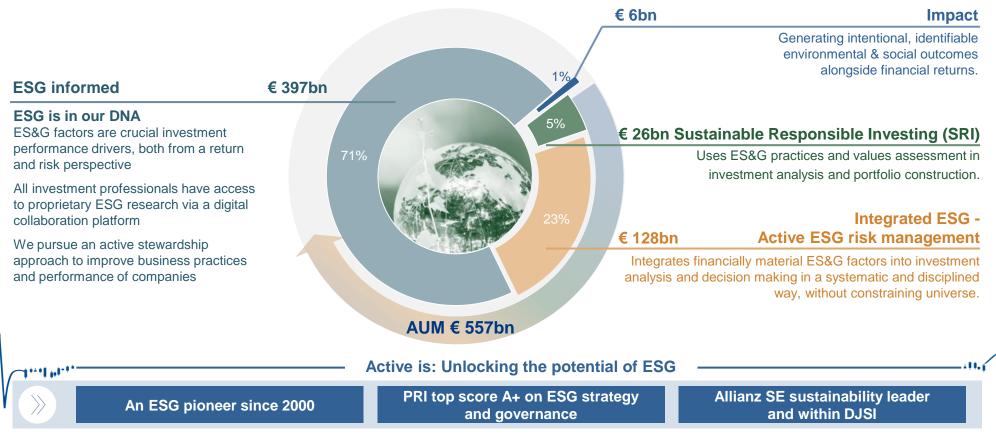


Value. Shared.



# **Pioneering ESG**

#### We are committed to integrating ES&G factors into all investment decisions and across all asset classes



Data as at 30 September 2019. Source: Allianz Global Investors. Any differences in totals are due to rounding. Impact comprises different strategies targeting climate transition, environmental projects and renewable energy. Environmental, social, governance (ESG); Sustainable & responsible investing (SRI); Dow Jones Sustainability Index (DJSI); Principles for responsible investing (PRI). Sustainability leadership and inclusion in the DJSI are based on the research of and an evaluation of questionnaires submitted to RobecoSAM. The PRI assessment report is based on information reported directly by signatories. Moreover, the underlying information has not been audited by the PRI or any other party acting on its behalf.

# A pioneer in sustainable investing



The Graphic only shows a selection of Initiatives AllianzGI participates in: <u>1 https://www.cdp.net/en;</u> <u>2 http://finanzasostenibile.it/forum-finanza-sostenibile-eng;</u> <u>3 https://www.acga-asia.org/who-we-are.php;</u> <u>4 https://www.climatebonds.net/market/best-practice-guidelines;</u> <u>5 https://www.iigcc.org;</u> <u>6 http://integratedreporting.org;</u> <u>7 http://ec.europa.eu/;</u> Source: Allianz Global Investors, 2019. For illustrative purposes only.



# Sustainable investment offerings at AllianzGI



**Integrated ESG** 

Delivering financial returns and enhancing the investment process by assessment of material ES&G risks and their impact on Investment value

Fully incorporates ESG into fundamental research - no ESG overlay

Builds on existing investment strategies and track record - unconstrained investment universe

Risk/ reward analysis: ESG tail risk management aims to mitigate extreme losses contributing to a better risk-adjusted performance over a market cycle

#### Comply or explain approach when taking ESG risk



Building sustainable portfolios by delivering sustainable financial returns based on the assessment of ESG practices



Targets offering both SRI and financial return through a number of different approaches Focused investment universe

ESG quality often determines eligibility for portfolio and influences weightings

Established SRI portfolios based on evolutionary process



Delivering intentional and identifiable impact alongside financial returns

Intended use of proceeds to generate positive environmental and/or social impact'

ES&G factors provide a framework to identify areas of social or environmental need, often via UN SDGs or other defined KPIs

> Deep expertise across public and private markets

Leveraging global research and collaboration platform

Active stewardship: Engagement and proxy voting



# Agenda





# 01a

# Experienced management team – Our specialists belong to Europe's leading SRI experts



# The Corporate Credit Europe team

V. Marioni (21/5) - CIO Credit Europe								
High Yield Portfolio Managers		Investme Portfolio Mana		Convertible Bonds Portfolio Managers/Analysts				
V. Marioni (21/5)	G. Docq, CFA (12/3)	H. Dejonghe, CFA (19/8)	L. Talavera (18/11)	T. Gruet, CFA, CAIA (22/14)	J. Gasser, CFA (5/5)			
S. Ploton (13/10)		J. Bras, CFA (14/14)	F. Piechowski (13/5)					

#### D. Manoux (29/8) - Head of credit research

Dedicated High Yield analysts		Dedicated Investm	ent Grade analysts	Additional PMs contributing to IG Credit Research		
D. Manoux (29/8)	S. lem, CFA (12/8)	C. Brugère (27/4)	B. de la Roncière (20/7)	O. Videau (23/21)	J. Bronssard (20/6)	
Head of HY research	Corporates	Head of IG research	Corporates	E. Clément (11/8)	C. Roux Buisson (22/5)	
L. Desbrosses, CFA (11/6) Corporates	S. Outin, CFA (11/6)** Financials	S. Wittmann, CFA, CIIA (12/2) Corporates	H. Guergouri (16/12) Financials	D. Huber (9/1)	R. Boeckel (19/5)	
J-B. Teissier, CFA (19/2)		L. Niederberger (11/2)	A. Hallak (3/3)	R. Vesters (30/7)	L. Ancona (25/25)	
Corporates		SSA*	Corporate			
		A. Parent (8/1) Corporates				

Product Specialists	P. Wrobel (23/8)	T. Knigge (20/18)	S. Lounis (8/8)
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Source : Allianz Global Investors, as of October 2019. Numbers in brackets reflect years of industry experience/years at Allianz Global Investors and affiliates.

\*SSA: Sub-sovereign/Supranational/Agencies

\*\* Analyst contributing to portfolio management

# Global sustainable investing expertise across the entire investment platform



**Chief sustainability Officer** Beatrix Anton-Groenemeyer

#### Sustainability specialists across the investment platform

Proprietary ESG Research, Engagement, Proxy Voting, **ESG Strategy, Policy & Integration** SRI Research, Public Policy, SRI Framework, Investment Integration & **Public Policy** Solutions, Engagement **Product Design, ESG Client Solutions** Global Head of ESG Global Head of ESG Research Global Head of SRI Research Steffen Hoerter Eugenia Jackson Isabel Reuss Strategy (15/4)\* (26/18)\* (35/35)\* Research **Global SRI Research** GER UK IT ESG Integration Manager ESG Analvst **ESG Analyst** SRI Analyst Nina Hodzic Blaine Robbie Marie Navarre (16/3)\* Abraham Miles (13/1)\* **Global ESG** GER UK (9/5)\* US FR  $(5/2)^*$ G Ш С ESG Integration Specialist **ESG** Analyst **ESG** Analyst SRI Analyst Jonas Jebabli Marie-Sybille Mathilde Melissa Bourassi  $(3/2)^*$ Connan Moulin Global  $(10/8)^*$ FR GER **FR** (15/12)\* FR (26/11)\* **ESG** Analyst **ESG** Analyst SRI Research Data Analyst Kimon Andreas Antie David Taing Demetriades Stobbe (10/1)\* UK (20/1)\* GER  $(7/2)^*$ FR ESG Analyst **ESG** Analyst Gaia Chris Mazzucchelli Ye **UK** (11/2)\*  $(5/2)^*$ **HKG** Leveraging expertise across investment platform

Integrated	SRI	Impact	
25 integrated	19 Portfolio Managers	Private Markets:	Public Markets:
Portfolio Managers	investing with	Renewable Energy	Green Bonds 2 specialist Portfolio Managers supported by Credit teams;
	SRI objectives	36 specialist investors	Climate Transition 2 specialist Portfolio Managers supported by Equity Conviction teams;

\* Investment Industry Relevant Experience / Years with AllianzGI. Source: Allianz Global Investors, as of August 2019. For illustrative purposes only.



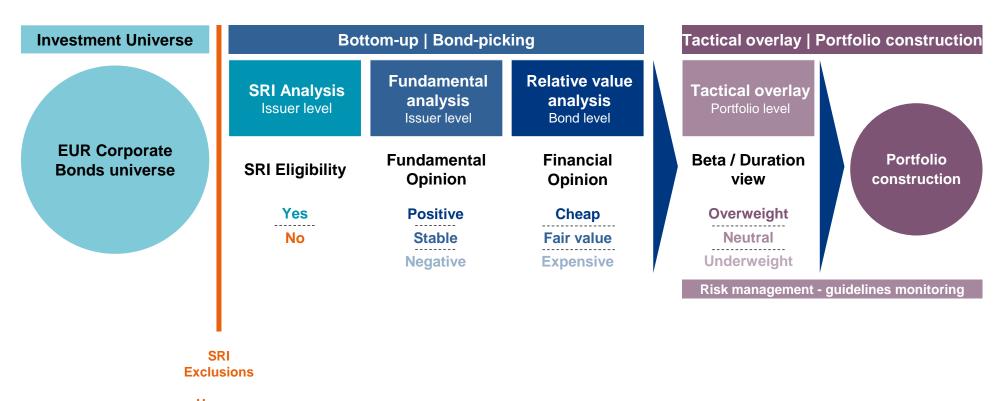
# **01b**

# Rigorous and disciplined investment process – Bond picking based on both financial and ESG criteria





### Investment process

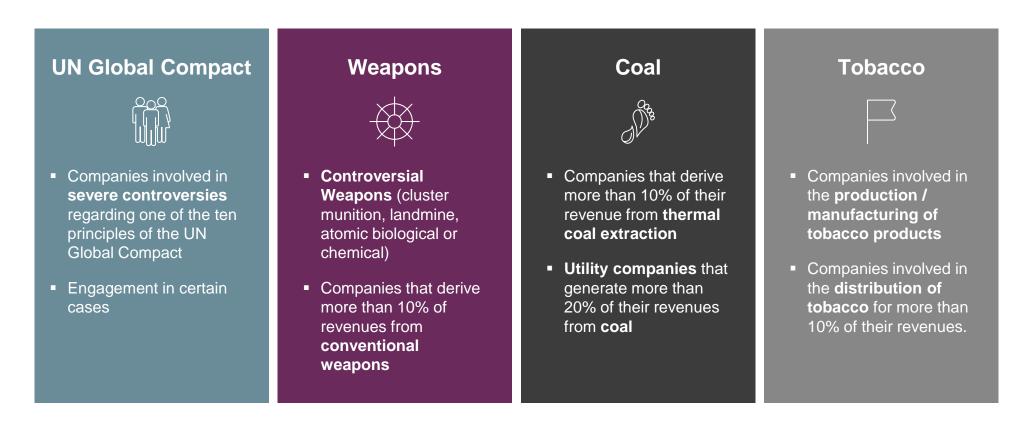


Human rights filter



# AllianzGI SRI Exclusions

This set of exclusions is applied to all our Sustainable and Responsible Investing strategies





# Human Rights Filter We use the United Nations Global Compact definition

**Respect of Human Rights** 

#### These principles are derived from the Universal Declaration of Human Rights

**Principle 1:** Businesses should support and respect the protection of internationally proclaimed human rights; and **Principle 2:** Make sure that they are not complicit in human rights abuses

#### These principles are derived from the ILO<sup>1</sup> Declaration on Fundamental Principles and Rights at Work

**Principle 3:** Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining; **Principle 4:** the elimination of all forms of forced and compulsory labour;

Principle 5: the effective abolition of child labour; and

Principle 6: the elimination of discrimination in respect of employment and occupation

https://www.unglobalcompact.org/what-is-gc/mission/principles

<sup>1</sup> ILO : International Labour Organization.



# SRI Analysis Rating methodology

#### Eligibility is determined by the absence of Human rights flag and an overall issuer rating above average

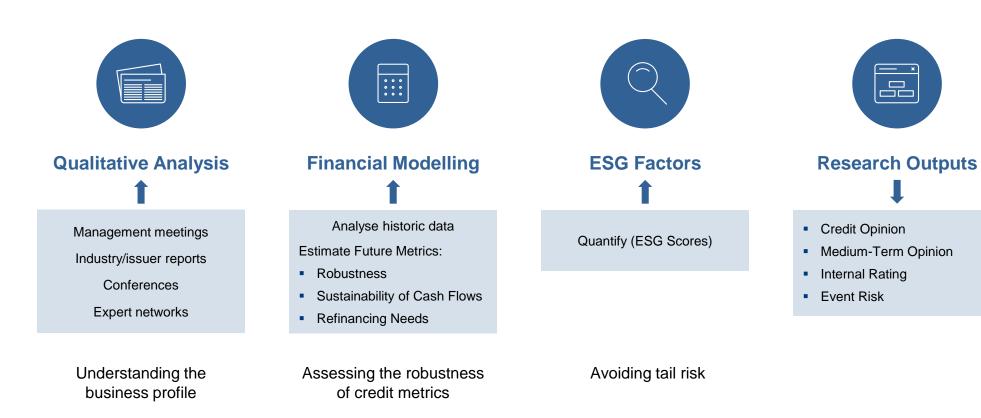
Input from internal/external sources: AllianzGI ESG Research Team, Company Meetings, Brokers, NGOs, Media, ESG Data Providers

SRI Domains	Weight in the overall SRI Rating (w)			
Environment rating (E)	30% (average among all sectors)	Evaluation of the 4 SRI Domain		
Social Development rating (S)	30% (average among all sectors)			
Corporate Governance rating (G)	20% (across all sectors)	Analysis based on approx. 200		
Business Behavior rating (B)	20% (average among all sectors)	<ul><li>indicators</li><li>Company evaluation based on</li></ul>		
Overall issuer rating	E*w(E) + S*w(S) + G*20% + B*w(B)	sector specific indicator weights		
Minimum threshold to be met by issuers on each SRI domain rating to avoid controversies	Divergence analysis in case data from two external providers differs	<ul> <li>applying Best in Class approac (positive sector screening)</li> </ul>		

#### Minimum 90% of assets rated above average in the portfolio

# **Fundamental Analysis**







# Valuation & technicals

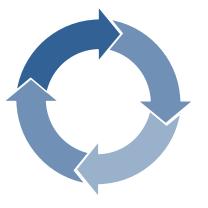
#### Valuation & Technicals are also key to the investment decision

#### Valuation

- Historic valuation
- Relative value by:
  - Peer group
  - Sector
  - Rating
- CDS basis analysis: +/-
- Default risk / Recovery rate
- Call schedule



Attractive; Fair Value; Expensive



**Iterative process** 



Liquidity impacts valuation

#### Technicals

- Issue size
- Bid / Ask spread
- Covenants
- Investor nature: Retail / Institutional
- Member of Itraxx Index
- Market conditions



Good; Average; Poor



# Tactical Overlay Credit and duration exposure

#### Implementing our tactical view on the credit market and on duration

Fundam	entals	Technicals		Market valuation
<ul> <li>Growth forecast</li> <li>Operating &amp; financi house models)</li> <li>Earnings releases / expectations</li> <li>Rating trends / Defations</li> </ul>	market	<ul> <li>Supply &amp; demand balan</li> <li>Risk appetite / aversion</li> <li>Bull / Bear sentiment (R Leveraged players)</li> </ul>	<ul><li>Liquidity premium</li><li>Spread analysis</li><li>Yield analysis</li></ul>	
Macroeconomic factors (AllianzGI scenario)	Microeconomics	Dealers positioning relevant news fl	Valuation (Excluding systemic crisis)	
	Beta position	ing		Duration positioning
Beta < 1 Underweight	Beta~1	Beta > 1 Overweight	70%	Duration range: from 70% to 130% of the benchmark's duration 100% 1 Benchmark's duration



# **Risk Management - Bloomberg PORT**

#### **Risk and performance analysis**

#### Portfolio real time monitoring

	Weight (%)		BB	BB Comp OAS Yield to Worst		OAS Yield to		
	Port	Bench	Port	Bench	Port	Bench	Port	Bench
	100,00	100,00	BBB+	A-	171,78	132,22	1,47	1,01
A 0 1⁄2 07/17/23	0,84	0,06	А	А	79,66	79,66	0,37	0,37
B 1 ¾ 09/07/28	0,80	0,04	BBB	BBB	261,02	261,02	2,89	2,89
C 0 5⁄8 07/20/23	0,77	0,08	AA	AA	73,94	73,94	0,32	0,32
D 1 1/8 03/23/26	0,77	0,04	BBB	BBB	130,53	130,53	1,11	1,11
E 2 1/8 02/08/28	0,75	0,06	BBB	BBB	283,69	283,69	2,81	2,81
F 0 ¼ 11/17/21	0,73	0,05	AA-	AA-	59,60	59,60	0,06	0,06
G 0 1⁄8 01/31/24	0,72	0,05	A-	A-	140,33	140,33	1,02	1,02

#### **Beta analysis**

	W	gt	Beta
	Port	Bench	Port
	100,00	100,00	
A 0 1/2 07/17/23	0,84	0,06	0,53
B 1 ¾ 09/07/28	0,80	0,04	1,92
C 0 5/8 07/20/23	0,77	0,08	0,56
D 1 1/8 03/23/26	0,77	0,04	1,30
E 2 1/8 02/08/28	0,75	0,06	1,40
F 0 ¼ 11/17/21	0,73	0,05	0,29
G 0 1⁄8 01/31/24	0,72	0,05	0,90
	B 1 ¾ 09/07/28 C 0 ‰ 07/20/23 D 1 ‰ 03/23/26 E 2 ‰ 02/08/28 F 0 ¼ 11/17/21	Port           100,00           A 0 ½ 07/17/23           0,84           B 1 ¾ 09/07/28           0,80           C 0 ‰ 07/20/23           0,77           D 1 ¼ 03/23/26           0,77           E 2 ‰ 02/08/28           F 0 ¼ 11/17/21           0,73	100,00         100,00           A 0 ½ 07/17/23         0,84         0,06           B 1 ¾ 09/07/28         0,80         0,04           C 0 5% 07/20/23         0,77         0,08           D 1 ¼ 03/23/26         0,77         0,04           E 2 ¼ 02/08/28         0,75         0,06           F 0 ¼ 11/17/21         0,73         0,05

#### Scenario analysis

	Profit and L (Greece Fina 20 <sup>,</sup>	ncial Crisis -	Profit and L (Debt Ceili Downgrad	ng Crisis &	Profit and Loss percent (Japan Earthquake in Mar 2011)	
	Port	Bench	Port	Bench	Port	Bench
	0,12	0,10	0,15	0,60	0,18	0,24
Banking	0,09	0,03	0,72	0,65	0,34	0,41
Basic Industry	0,03	0,12	0,57	0,67	0,34	0,39
Capital Goods	0,25	0,18	0,61	0,78	0,34	0,34
Communications	0,14	0,12	0,29	0,19	0,01	0,16
Consumer Cyclical	0,13	0,07	0,64	0,53	0,10	-0,32
Consumer Non-Cyclical	0,00	0,21	0,62	0,86	0,22	0,49

#### Attribution

	% Average Weight		Cont	ribution	(%)	Total Return (%)			
	Port	Bench	+/-	Port	Bench	+/-	Port	Bench	+/-
	100,00	100,00	0	195,82	183,05	12,78	195,82	183,05	12,78
Issuer A	1,87	1,69	0,18	5,83	2,84	2,99	313,61	167,17	146,44
Issuer B	1,41	1,06	0,35	2,84	1,40	1,43	199,56	133,04	66,52
Issuer C	0,85	0,09	0,76	0,97	0,12	0,85	112,22	134,66	-22,44
Issuer D	0,76	0,67	0,09	1,93	2,03	-0,10	252,43	302,66	-50,22
Issuer E	0,59	0,67	-0,08	2,36	1,31	1,05	409,04	196,22	212,82
Issuer G	0,54	0,16	0,38	1,16	0,52	0,64	214,61	316,50	-101,88
Issuer H	0,51	0,15	0,36	1,09	0,17	0,92	214,28	109,48	104,8



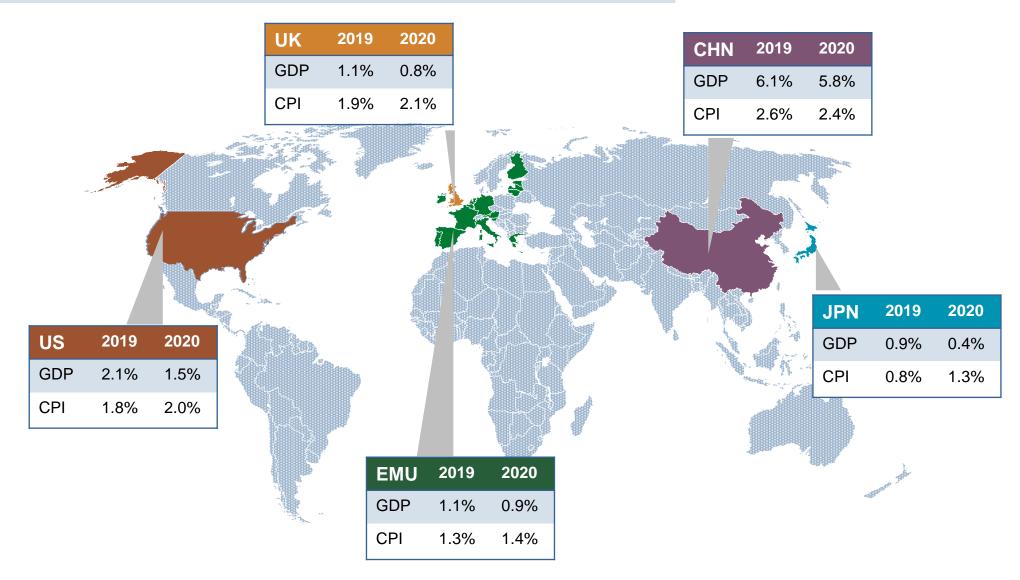
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# **Credit market**





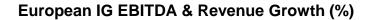
# Our economic forecasts 2019/2020 in a nutshell



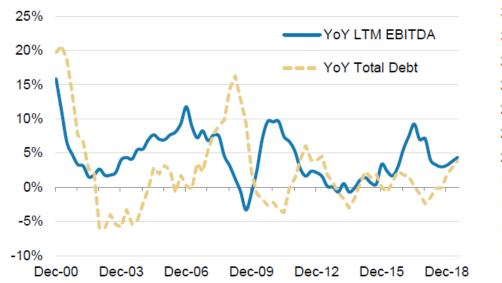


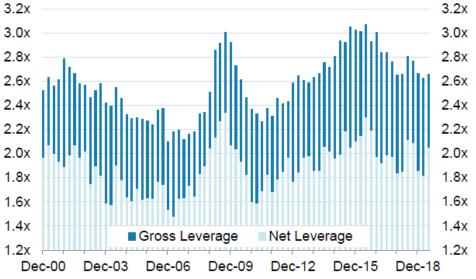
# **Fundamentals - European IG Corporates**

#### EBITDA growth outpaced debt growth in 2Q 2019, net leverage steady between 1,8x and 2x







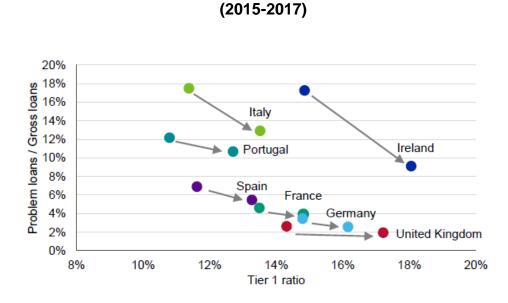




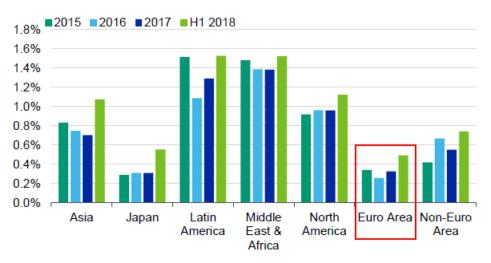
# Fundamentals - European banks

#### Capital buffers have widened, fostering resilience to shocks, but profitability remains weak

EBA reported an aggregate 14,3% fully-loaded CET1\* ratio for the largest 190 EU banks and Net Interest Margin of 1,43% as of 06/2018



Tier 1 Capital ratio vs problem loans / gross loans



**Net Income / Tangible Assets** 

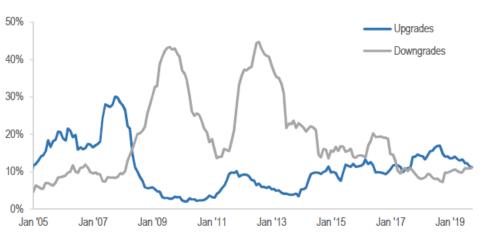


# Fundamentals - Downgrades/Upgrades Ratio

#### Rating drift has been trending downward for the past year, now at zero

It tends to track trends in growth relatively closely with a 6-month lag

€ IG Upgrade and Downgrade Rate (%)



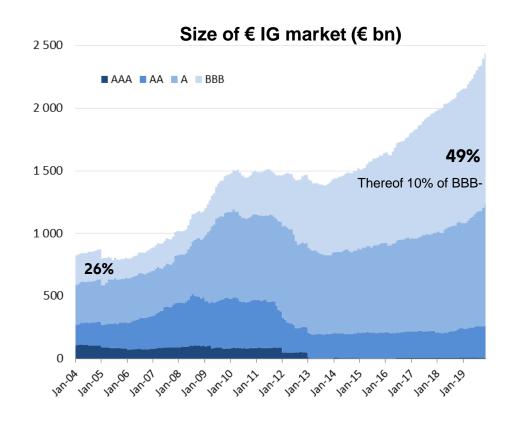
#### € IG Net Rating Drift (%) vs Euro Aera Composite PMI 6-month lagged (pts)



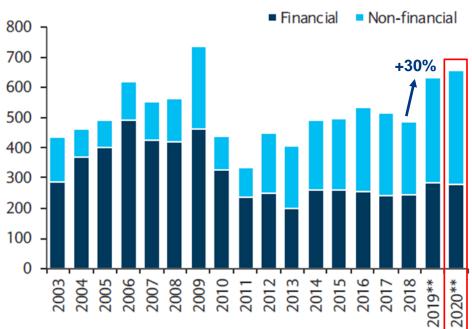


# Technicals - Supply Euro IG

In gross terms, new issue volume is running over 30% faster than in 2018, similar trend expected next year





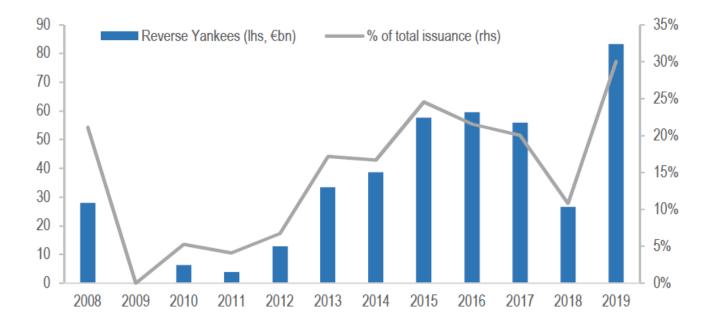




# Technicals - Supply Euro IG

#### « Reverse Yankee » represented more than half the surplus of volume issued vs 2018

The economics of printing in euros for US issuers should remain attractive in 2020



#### **Non-Financial Reverse Yankee Gross Volume**



# Technicals - Supply Euro IG

#### € IG market size is expected to increase

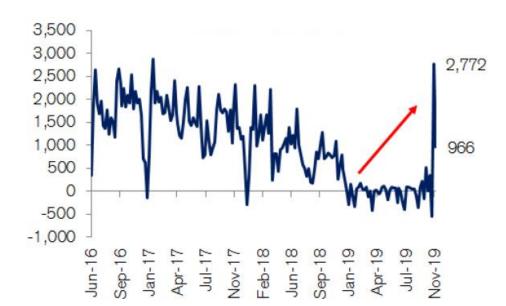
Supply	- Demand	d Balance, €bn
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Balance	42	124	105	44	131	259	130
Net CSPP	-	-	51	84	34	5	45
Coupons	50	47	43	41	40	40	40
Redemptions	314	235	239	270	209	236	255
Gross supply	406	406	438	439	414	540	470
	2014	2015	2016	2017	2018	2019e	2020e



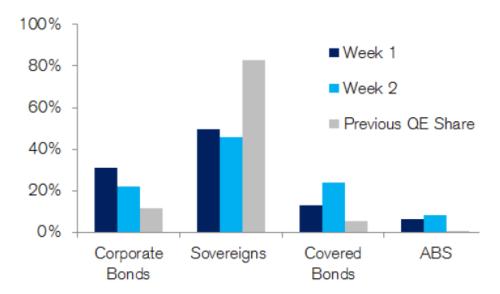
# Technicals - Demand Euro IG

CSPP back in business: forecast € 4,5 to € 6 bn per month in gross purchase



**Weekly Net Purchases** 

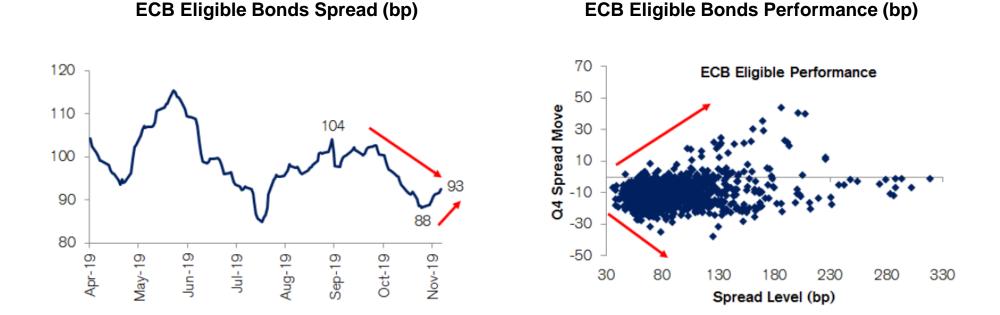
Allocation of Purchases (%)





# Technicals - Demand Euro IG

The impact of QE has been inconsistent: while broadly constructive, many bonds have lagged either on fundamental headlines or profit-taking

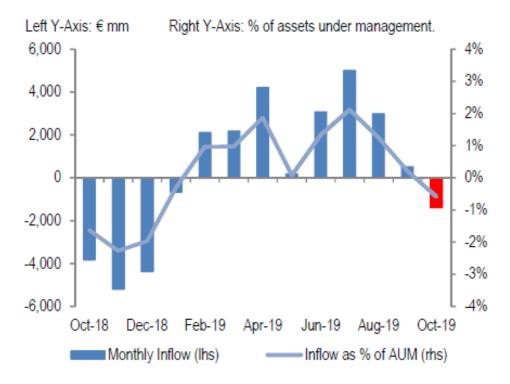




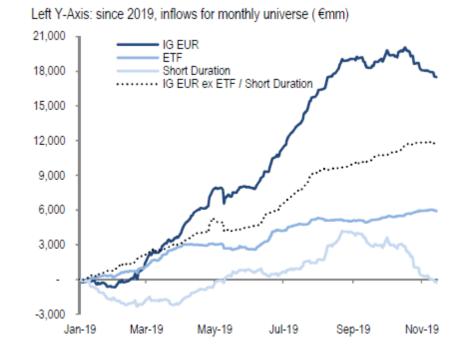
# Technicals - Demand / Flows Euro IG

#### Strong positive flows but stalling: + € 17,5 bn YTD (8% of AuM) Euro Investment Grade Fund Flows

#### Monthly Flows (€ mio left, % of AuM right)



#### Cumulated flows (€ mio)



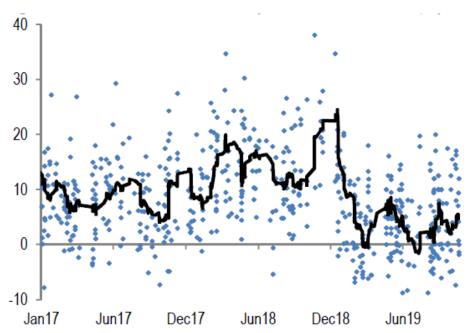


# Valuation - New Issue Premium

#### The 20-deal rolling average new issue premium remains around 5 bp.

The Primay Markets showed no signs of slowing; volumes were supported by Shell's  $\in$  3 bn triple-tranche offering and Apple's return to the Euro market after 2 years with  $\in$  2 bn green bond pushing reverse Yankee issuance to new record of  $\in$  112 bn this year.

#### **EUR IG New Issue Premium**



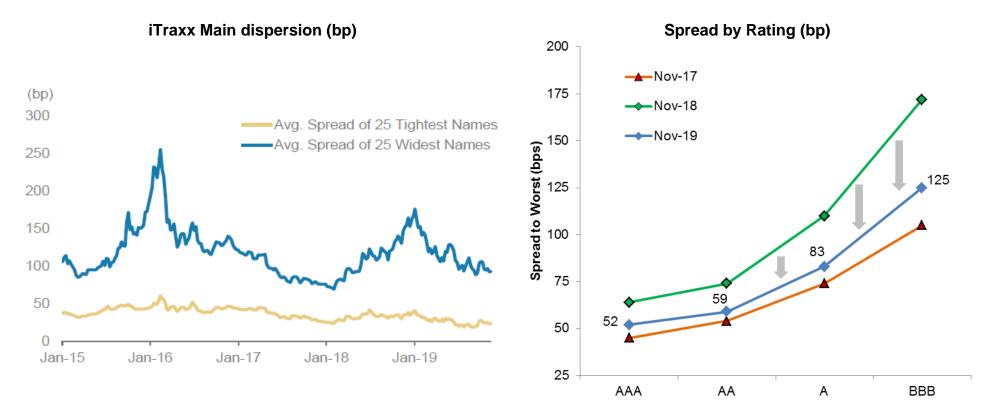
Black line shows 20-bond moving average. New issue premiums for taps are calculated against the original bond rather than the entire secondary curve.



## Valuation

#### Reversal of dispersion since the beginning of the year

Price dispersion in European Credit is back at CSPP levels



Source: Allianz Global Investors, Morgan Stanley data as of 18.11.2019

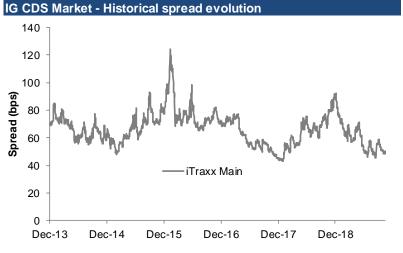
Source: Allianz Global Investors, Bloomberg, data as of 15.11.2019.



# Valuation - Investment Grade market



Source: Allianz Global Investors, Bloomberg - data as of 15/11/2019



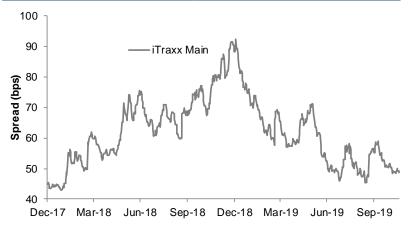
Source: Allianz Global Investors, Bloomberg - data as of 18/11/2019

Past performance is not a reliable indicator of future results.



Source: Allianz Global Investors, Bloomberg - data as of 15/11/2019

#### IG CDS Market - 2018 and YTD spread evolution



Source: Allianz Global Investors, Bloomberg - data as of 18/11/2019

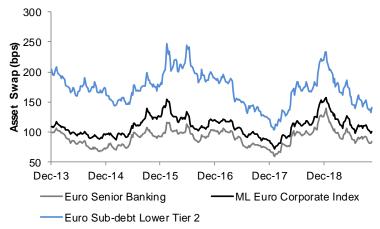


# Valuation - Investment Grade market - Financials Regulatory changes impacting relative value



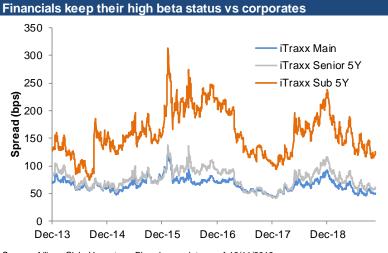
Source: Allianz Global Investors, Bloomberg - data as of 15/11/2019

#### Selective sub are offering value

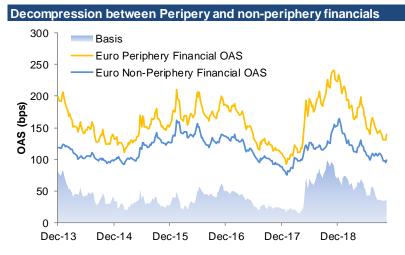




Past performance is not a reliable indicator of future results.



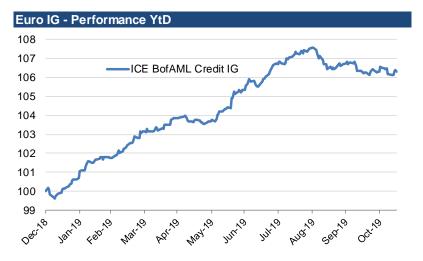
Source: Allianz Global Investors, Bloomberg - data as of 18/11/2019



Source: Allianz Global Investors, Bloomberg - data as of 15/11/2019

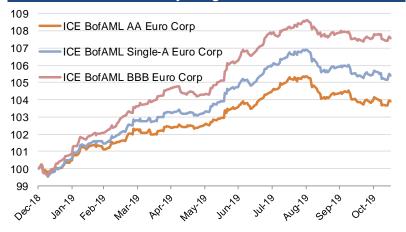


## Performance



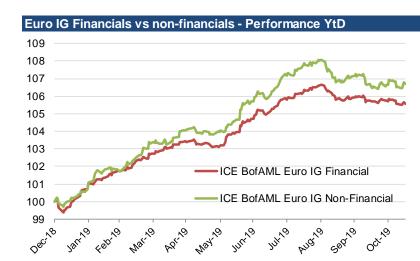
Source: Allianz Global Investors, Bloomberg - data as of 15/11/2019

#### Euro IG - Performance YtD by rating



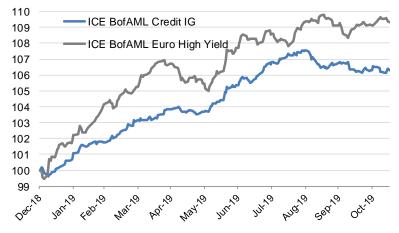
Source: Allianz Global Investors, Bloomberg - data as of 15/11/2019

Past performance is not a reliable indicator of future results.



Source: Allianz Global Investors, Bloomberg - data as of 15/11/2019

#### Euro IG vs Euro HY - Performance YtD



Source: Allianz Global Investors, Bloomberg - data as of 15/11/2019



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# Performance, risks and composition of the portfolio

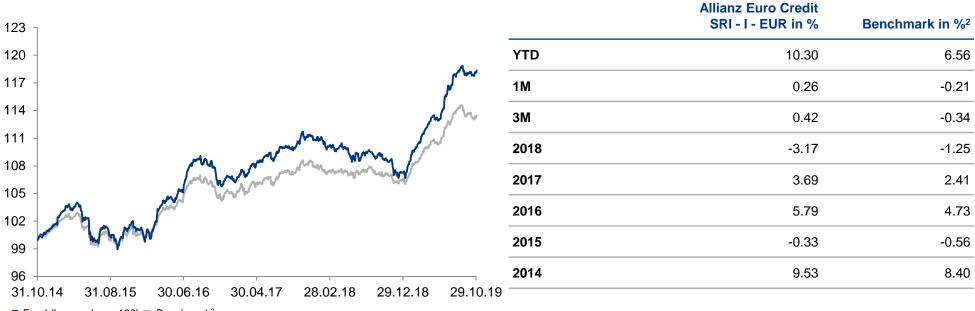




# Allianz Euro Credit SRI - I - EUR

#### Performance

#### **Performance History**<sup>1</sup>



Fund (base value = 100) Benchmark<sup>2</sup>

<sup>1</sup> Calculated at the net asset value, excl. front-end load, distributions reinvested. Calculation according to method as defined by BVI, the German Fund Companies Association. Past performance is not a reliable indicator of future results. Any frontend loads reduce the capital employed and the performance stated. All performance data in respect of Allianz Euro Credit SRI - I – EUR prior to the launch date, 13/01/2015, are based on another investment fund, namely ALLIANZ EURO CREDIT SRI, a French benchmark fund, which is not licensed for distribution in Germany. Allianz Euro Credit SRI is managed by the same team using the same strategy. This does not imply that Allianz Euro Credit SRI will enjoy similar performance in the future.

<sup>2</sup> BLOOMBERG BARCLAYS EURO-AGGREGATE: CORPORATES EUR UNHEDGED RETURN IN EUR

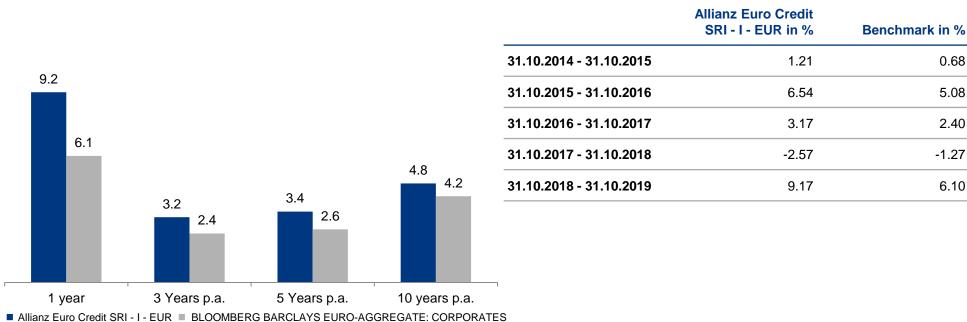
TER (Total Expense Ratio): Total cost (except transaction costs) charged to the fund during the last financial year: 0.61 %. Source: Allianz Global Investors; data as per 31.10.2019



# Allianz Euro Credit SRI - I - EUR

#### Performance

#### Performance over 10 years<sup>1</sup>



EUR UNHEDGED RETURN IN EUR

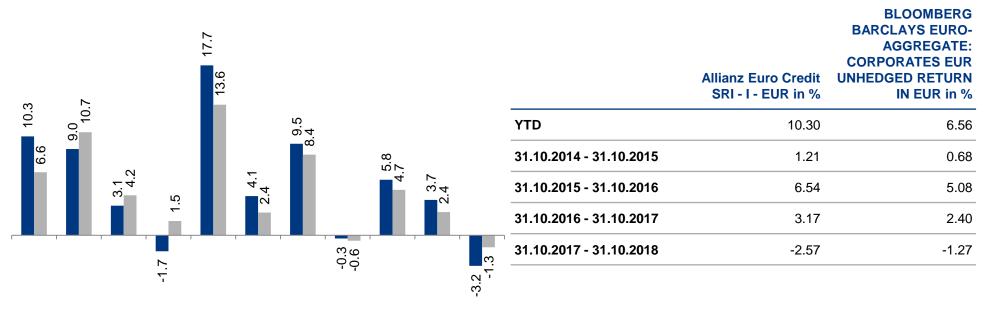
<sup>1</sup> Calculated at the net asset value, excl. front-end load, distributions reinvested. Calculation according to method as defined by BVI, the German Fund Companies Association. Past performance is not a reliable indicator of future results. Any frontend loads reduce the capital employed and the performance stated. All performance data in respect of Allianz Euro Credit SRI - I – EUR prior to the launch date, 13/01/2015, are based on another investment fund, namely ALLIANZ EURO CREDIT SRI, a French benchmark fund, which is not licensed for distribution in Germany. Allianz Euro Credit SRI is managed by the same team using the same strategy. This does not imply that Allianz Euro Credit SRI will enjoy similar performance in the future.

TER (Total Expense Ratio): Total cost (except transaction costs) charged to the fund during the last financial year: 0.61 %. Source: Allianz Global Investors; data as per 31.10.2019



#### Performance

#### Performance calendar years in %<sup>1</sup>



#### YTD 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018

Allianz Euro Credit SRI - I - EUR BLOOMBERG BARCLAYS EURO-AGGREGATE: CORPORATES EUR UNHEDGED RETURN IN EUR

<sup>1</sup> Calculated at the net asset value, excl. front-end load, distributions reinvested. Calculation according to method as defined by BVI, the German Fund Companies Association. Past performance is not a reliable indicator of future results. Any frontend loads reduce the capital employed and the performance stated. All performance data in respect of Allianz Euro Credit SRI - I – EUR prior to the launch date, 13/01/2015, are based on another investment fund, namely ALLIANZ EURO CREDIT SRI, a French benchmark fund, which is not licensed for distribution in Germany. Allianz Euro Credit SRI is managed by the same team using the same strategy. This does not imply that Allianz Euro Credit SRI will enjoy similar performance in the future.



#### Performance

#### Performance in detail since inception in %<sup>1</sup>

Performance	Allianz Euro Cre	dit SRI - I - EUR	Bench	mark <sup>2</sup>	De	lta	Tracking error	Information ratio	nformation ratio Net asset value	
	cum.	p.a.	cum.	p.a.	cum.	p.a.	%		Mio. EUR	
31.10.2014 - 31.10.2015		1.21		0.68		0.53	1.57	0.33		
31.10.2015 - 31.10.2016		6.54		5.08		1.46	1.51	0.97		
31.10.2016 - 31.10.2017		3.17		2.40		0.77	0.68	1.13		
31.10.2017 - 31.10.2018		-2.57		-1.27		-1.30	1.55	-0.83		
31.10.2018 - 31.10.2019		9.17		6.10		3.07	1.14	2.69		
YTD	10.30	-	6.56	-	-	-	-	-		
1 month	0.26	-	-0.21	-	-	-	-	-		
3 months	0.42	-	-0.34	-	-	-	-	-		
6 months	4.46	-	2.53	-	-	-	-	-		
1 year	9.17	9.17	6.10	6,10	3.07	3,07	1.14	2.69		
3 years	9.74	3.15	7.26	2,36	2.48	0,78	1.28	0.61		
5 years	18.33	3.42	13.48	2,56	4.86	0,86	1.39	0.62		
10 years	59.52	4.78	50.28	4,16	9.24	0,62	1.39	0.45		
Since Inc. (01/2015)	73.10	5.28	65.58	4,84	7.52	0,44	1.37	0.31		

<sup>1</sup> Calculated at the net asset value, excl. front-end load, distributions reinvested. Calculation according to method as defined by BVI, the German Fund Companies Association. Past performance is not a reliable indicator of future results. Any frontend loads reduce the capital employed and the performance stated. All performance data in respect of Allianz Euro Credit SRI - I – EUR prior to the launch date, 13/01/2015, are based on another investment fund, namely ALLIANZ EURO CREDIT SRI, a French benchmark fund, which is not licensed for distribution in Germany. Allianz Euro Credit SRI is managed by the same team using the same strategy. This does not imply that Allianz Euro Credit SRI will enjoy similar performance in the future.

<sup>2</sup> BLOOMBERG BARCLAYS EURO-AGGREGATE: CORPORATES EUR UNHEDGED RETURN IN EUR



#### Performance

#### Performance in detail since inception in %<sup>1</sup>

Performance	Allianz Euro Cre	dit SRI - I - EUR	Bench	Benchmark <sup>2</sup> Delta Tracking error Inf		Delta		Information ratio	Net asset value
	cum.	p.a.	cum.	p.a.	cum.	p.a.	%		Mio. EUR
2018		-3.17		-1.25		-1.92	1.55	-1.24	10.88
2017		3.69		2.41		1.28	0.54	2.36	45.68
2016		5.79		4.73		1.06	1.56	0.68	7.81
2015		-0.33		-0.56		0.23	1.56	0.15	3.53
2014		9.53		8.40		1.14	0.42	2.70	-
2013		4.09		2.37		1.72	0.73	2.34	-
2012		17.69		13.59		4.10	1.49	2.74	-
2011		-1.66		1.49		-3.15	1.91	-1.65	-
2010		3.08		4.16		-1.08	0.81	-1.33	-
2009		8.99		10.73		-1.74	0.79	-2.71	-

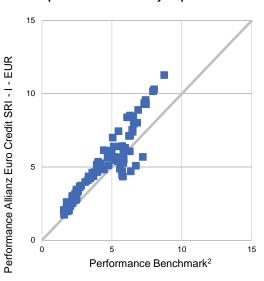
<sup>1</sup> Calculated at the net asset value, excl. front-end load, distributions reinvested. Calculation according to method as defined by BVI, the German Fund Companies Association. Past performance is not a reliable indicator of future results. Any frontend loads reduce the capital employed and the performance stated. All performance data in respect of Allianz Euro Credit SRI - I – EUR prior to the launch date, 13/01/2015, are based on another investment fund, namely ALLIANZ EURO CREDIT SRI, a French benchmark fund, which is not licensed for distribution in Germany. Allianz Euro Credit SRI is managed by the same team using the same strategy. This does not imply that Allianz Euro Credit SRI will enjoy similar performance in the future.

<sup>2</sup> BLOOMBERG BARCLAYS EURO-AGGREGATE: CORPORATES EUR UNHEDGED RETURN IN EUR



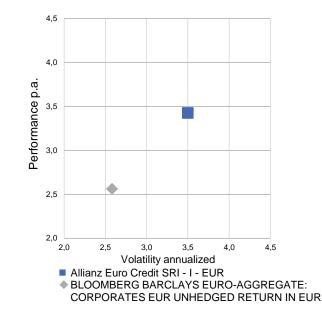
#### **Risk / return ratios**

#### Outperformance and risk / return-chart<sup>1</sup>



Outperformance in 80 out of 92 3-year p.a. periods rolled monthly as per 31.10.2019 in %

Risk vs. Return (5 Years) as per 31.10.2019 in %



<sup>1</sup> Calculated at the net asset value, excl. front-end load, distributions reinvested. Calculation according to method as defined by BVI, the German Fund Companies Association. Past performance is not a reliable indicator of future results. Any frontend loads reduce the capital employed and the performance stated. All performance data in respect of Allianz Euro Credit SRI - I – EUR prior to the launch date, 13/01/2015, are based on another investment fund, namely ALLIANZ EURO CREDIT SRI, a French benchmark fund, which is not licensed for distribution in Germany. Allianz Euro Credit SRI is managed by the same team using the same strategy. This does not imply that Allianz Euro Credit SRI will enjoy similar performance in the future.

<sup>2</sup> BLOOMBERG BARCLAYS EURO-AGGREGATE: CORPORATES EUR UNHEDGED RETURN IN EUR



#### **Risk / return ratios**

#### **Risk / return ratios<sup>1</sup>**

	1 Year	3 Years	5 Years
Sharpe ratio	2.79	1.18	1.06
Volatility (%)	3.43	2.99	3.50
Alpha (%)	3.07	0.78	0.86
Beta	1.23	1.20	1.27
Tracking error (%)	1.14	1.28	1.39
Information ratio	2.69	0.61	0.62

#### Key figures

Effective Duration (%)	5.54
Average nominal return (%)	1.86
Yield to worst (%)	1.13
Average rating	BBB+

<sup>1</sup> Calculated at the net asset value, excl. front-end load, distributions reinvested. Calculation according to method as defined by BVI, the German Fund Companies Association. Past performance is not a reliable indicator of future results. Any front-end loads reduce the capital employed and the performance stated. All performance data in respect of Allianz Euro Credit SRI - I – EUR prior to the launch date, 13/01/2015, are based on another investment fund, namely ALLIANZ EURO CREDIT SRI, a French benchmark fund, which is not licensed for distribution in Germany. Allianz Euro Credit SRI is managed by the same team using the same strategy. This does not imply that Allianz Euro Credit SRI will enjoy similar performance in the future.

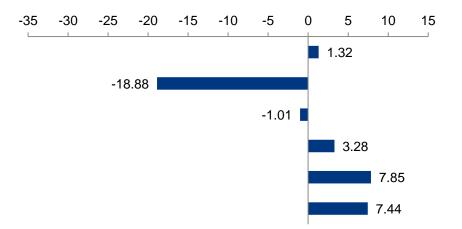


#### Breakdown

## Current duration breakdown (%) (weighted by market value)

	Fund weight (%)	Benchmark <sup>1</sup> weight (%)
0 - 1 Year	2.55	1.23
1 - 3 Years	6.44	25.32
3 - 5 Years	27.95	28.96
5 - 7 Years	25.70	22.42
7 - 10 Years	23.73	15.88
> 10 Years	13.63	6.19

#### **Relative allocation in %**



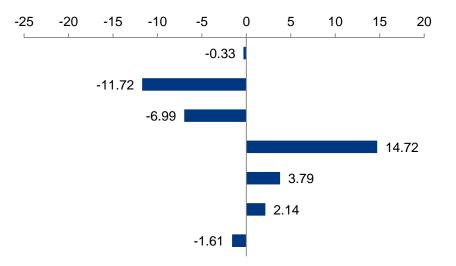


#### Breakdown

#### Current rating breakdown (%) (weighted by market value)

	Fund weight (%)	Benchmark <sup>1</sup> weight (%)
AAA	0.09	0.42
AA	3.31	15.03
Α	39.10	46.09
BBB	53.16	38.44
ВВ	3.79	0.00
Others	2.16	0.02
Cash	-1.61	0.00

#### **Relative allocation in %**



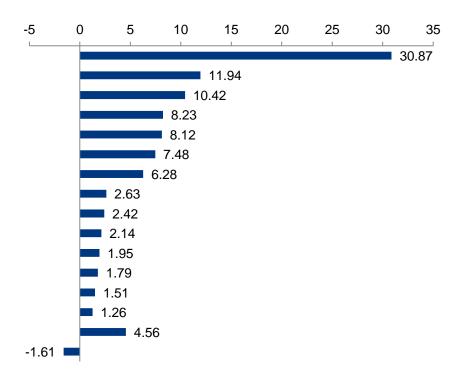
<sup>1</sup> BLOOMBERG BARCLAYS EURO-AGGREGATE: CORPORATES EUR UNHEDGED RETURN IN EUR Breakdown based on best available rating for each security. Data published by index provider are based on average ratings and may be different. The current breakdown is not a reliable indicator of future results. Source: Allianz Global Investors; data as per 31.10.2019



#### Breakdown

#### Country/Location Breakdown (%)

	Fund weight (%)
Frankreich	30.87
Deutschland	11.94
Italien	10.42
Niederlande	8.23
Großbritannien	8.12
USA	7.48
Spanien	6.28
Finnland	2.63
Belgien	2.42
Schweiz	2.14
Österreich	1.95
Schweden	1.79
Luxemburg	1.51
Australien	1.26
Sonstige	4.56
Kasse	-1.61







#### Breakdown

#### **Top holdings in %**

ACHMEA BV EMTN FIX TO FLOAT 2.500% 24.09.2039	1.01
COOPERATIEVE RABOBANK UA CONV FIX TO FLOAT 3.250% 29.12.2198	0.75
BELFIUS BANK SA/NV CONV FIX TO FLOAT 3.625% 16.04.2198	0.74
CITYCON TREASURY BV FIX 2.500% 01.10.2024	0.72
BBVA USA FIX 2.500% 27.08.2024	0.71
CITYCON TREASURY BV EURO FIX 2.375% 15.01.2027	0.70
FLUXYS BELGIUM 10Y FIX 1.750% 05.10.2027	0.64
E.ON SE EMTN FIX 0.000% 28.08.2024	0.62
UNIBAIL-RODAMCO SE EMTN FIX 1.750% 01.07.2049	0.60
LAGARDERE SCA FIX 2.125% 16.10.2026	0.59
Total	7.08



Key messages

## Sustainable development of our portfolios

A long-term conviction process with extra-financial ESG<sup>1</sup> criteria and the respect of human rights providing a more exhaustive evaluation of issuers' long term risk. Both bond picking and tactical credit exposure are key to our investment process

Within bond picking we equally emphasise on fundamental financial analysis and ESG (Environmental, Social and Governance) analysis.



#### SRI analysis:

#### a two-step process

The SRI analysis combines a quantitative approach grounded on data provided by two external rating agencies and a qualitative step being performed internally by the SRI specialists.

Attractive long-term performance from combining successful bond picking and SRI expertise

<sup>1</sup> Environmental, social and corporate governance criteria.

Source: Morningstar; category EUR Corporate Bonds, data for the I share classes as of 30.10.2019. Any reference to a ranking, a rating or an award provides no guarantee for future performance results and is not constant over time. Past performances are not a reliable indicator of future performances.



# Appendix

A





## Euro Investment Grade SRI strategy

Objective	<ul> <li>Outperformance of Barclays Capital Euro Corporate benchmark while taking advantage of opportunities offered on the Corporate Credit Market with a SRI best-in-class approach</li> <li>Focus on companies that satisfy a sustainable and responsible investment approach</li> <li>Focus on quality credit: Investment mainly in investment grade corporate bonds</li> </ul>
Management style	<ul> <li>Bringing together AllianzGI's strategies in managing Investment Grade Corporate Debt &amp; best-in-class SRI funds; bond picking on both financial and SRI research criteria</li> <li>Investment philosophy based on a long-term conviction process</li> <li>Backed by a team of investment professionals covering the full scope of SRI research</li> </ul>
Risk approach	<ul> <li>Disciplined, ordered, controlled investment process</li> <li>Powerful front office risk management tools</li> <li>Risk management controls (pre and post trades)</li> </ul>



### Curriculum vitae of the portfolio manager



Hervé Dejonghe, CFA holds a Master degree in Finance from the Université Paris Dauphine and a Master in Mathematics from the Université Paris VI Jussieu. He joined Allianz Global Investors in 2011 as a Fund Manager / Credit Analyst after working for 6 years at Dexia Asset Management as a Fund Manager / Credit Analyst as well and 2 years at Calyon (New York) as a Credit Analyst and Counterparty Risk Analyst.



#### Key information

ISIN / German security no.	LU1145632938 / A12 FR5
	BLOOMBERG BARCLAYS EURO-
	AGGREGATE: CORPORATES EUR
Benchmark	UNHEDGED RETURN IN EUR
Umbrella	Allianz Global Investors Fund
Management company	Allianz Global Investors GmbH
Investment Manager	Allianz Global Investors GmbH, France branch
Custodian bank	State Street Bank Luxembourg S.C.A.
Launch date	13.01.2015
Fund manager	Hervé Dejonghe (since 13.01.2015)
Fund currency	EUR
Net assets	880.99 mn.EUR
Share class volume	31.14 mn. EUR
Financial year end	30/9/
Distribution	distributing
Distribution payout on 17.12.2018	12.355 EUR
Distribution frequency	annually
Min. investment (prospectus)	4,000,000 EUR
Registered for sale in	AT, CH, DE, FR, GB, LI, LU, NL
Front-end load (%) <sup>1</sup>	currently 0.00 (max. 2.00)
All-in fee in % p.a. 2	currently 0.60 (max. 1.00)
Ongoing Charges <sup>3</sup>	0.61
TER (%) <sup>4</sup>	0.61

- <sup>1</sup> If the acquisition of Fund units is subject to a sales charge, up to 100% of such sales charge may be collected by the distributor; the exact amount shall be mentioned by the distributor as part of the investment advisory process. This also applies to any payment by the Management Company of an ongoing distribution fee from the all-in fee to the distributor.
- <sup>2</sup> The all-in fee includes the expenses previously called management, administration and distribution fees.
- <sup>3</sup> Ongoing charges: Ongoing charges are based on the total costs (excluding transaction costs) charged to fund assets in the last financial year (TER) and may vary from year to year. If the total cost of the fund has not yet been calculated, the ongoing costs refer only to an estimation.
- <sup>4</sup> TER (Total Expense Ratio): Total cost (except transaction costs) charged to the fund during the last financial year.



#### Share class overview

Benchmark	BLOOMBERG BARCLAYS EURO-AGGREGATE: CORPORATES EUR UNHEDGED RETURN IN EUR								
Management company	Allianz Global Investors GmbH								
Investment Manager	Allianz Global Investo	ors GmbH, France bra	anch						
Risk class	3 : conservative								
Fund manager	Hervé Dejonghe								
Financial year end	30/9/								
Net assets	880.99 mn.EUR								
Share class	A - EUR	AT - EUR	CT - EUR	I - EUR	IT - EUR	IT (H2-CHF) - CHF	P - EUR	P2 - EUR	
ISIN	LU1149865930	LU1145633407	LU1328248510	LU1145632938	LU1145633233	LU1933088210	LU1706852453	LU2002383540	
German security no.	A12GG8	A12FR7	A2ABED	A12FR5	A12FR6	A2PBT4	A2H6J9	A2PK55	
Devictory of feature la in	AT, BE, CH, DE, FR, GB, IT, LI, LU,	AT, BE, CH, DE, ES, FR, GB, IT, LI,	AT, CH, DE, FR,	AT, CH, DE, FR,	AT, CH, DE, ES, FR, GB, IT, LI, LU,	AT, CH, DE, FR,	AT, CH, DE, FR,	AT, CH, DE, FR,	
Registered for sale in	NL, PT	LU, NL	GB, IT, LI, LU, NL	GB, LI, LU, NL	NL	GB, LI, LU, NL	GB, LI, LU, NL	GB, LI, LU, NL	
Fund currency	EUR	EUR	EUR	EUR	EUR	CHF	EUR	EUR	
Distribution	distributing	accumulation	accumulation	distributing	accumulation	accumulation	distributing	distributing	
Min. investment (prospectus)	-	-	-	4,000,000 EUR	4,000,000 EUR	4,000,000 CHF	3,000,000 EUR	10,000,000 EUR	
Launch date	13.01.2015	02.02.2015	26.10.2016	13.01.2015	09.08.2016	24.01.2019	06.12.2017	12.06.2019	
Share class volume	6.84 mn.EUR	121.59 mn.EUR	30.53 mn.EUR	31.14 mn.EUR	23.08 mn.EUR	2.40 mn.CHF	33.00 mn.EUR	1,038.12 EUR	
Front-end load (%) <sup>1</sup>	currently 2.00 (max. 5.00)	currently 2.00 (max. 5.00)	currently 1.50 (max. 5.00)	currently 0.00 (max. 2.00)	currently 0.00 (max. 2.00)	currently 0.00 (max. 2.00)	currently 0.00 (max. 2.00)	currently 0.00 (max. 2.00)	
All-in fee in % p.a. <sup>2</sup>	currently 1.09 (max. 2.00)	currently 1.09 (max. 2.00)	currently 1.41 (max. 2.75)	currently 0.60 (max. 1.00)	currently 0.60 (max. 1.00)	currently 0.60 (max. 1.00)	currently 0.60 (max. 1.00)	currently 0.42 (max. 1.00)	
TER (%) <sup>3</sup>	1.13	1.14	1.46	0.61	0.61		0.664		



#### Share class overview

Benchmark	BLOOMBERG BARCLAYS EURO-AGGREGATE: CORPORATES EUR UNHEDGED RETURN IN EUR									
Management company	Allianz Global Investors GmbH									
Investment Manager	Allianz Global Investo	Allianz Global Investors GmbH, France branch								
Risk class	3 : conservative									
Fund manager	Hervé Dejonghe									
Financial year end	30/9/									
Net assets	880.99 mn.EUR									
						RT (H2-CHF) -				
Share class	PT - EUR	PT2 - EUR	R - EUR	R2 - EUR	RT - EUR	CHF	RT2 - EUR	W - EUR		
ISIN	LU1331159357	LU2002383623	LU1149865690	LU1851368099	LU1173936078	LU2014481076	LU1851368172	LU1136108591		
German security no.	A2ABT3	A2PK56	A12GG7	A2JP51	A14MUM	A2PMR7	A2JP52	A12EP1		
					AT, BE, CH, DE,					
	AT, CH, DE, FR,	AT, CH, DE, FR,	AT, BE, CH, DE,		ES, FR, GB, LI, LU,	AT, CH, DE, FR,	AT, CH, DE, FR,	AT, CH, DE, FR,		
Registered for sale in	GB, LI, LU, NL	GB, LI, LU, NL	FR, GB, LI, LU, NL	GB, LI, LU, NL	NL	GB, LI, LU, NL	GB, LI, LU, NL	GB, LI, LU, NL		
Fund currency	EUR	EUR	EUR	EUR	EUR	CHF	EUR	EUR		
Distribution	accumulation	accumulation	distributing	distributing	accumulation	accumulation	accumulation	distributing		
Min. investment (prospectus)	3,000,000 EUR	10,000,000 EUR	-	10,000,000 EUR	-	-	10,000,000 EUR	10,000,000 EUR		
Launch date	26.10.2016	12.06.2019	13.01.2015	24.07.2018	24.04.2015	18.07.2019	24.07.2018	13.01.2015		
Share class volume	33.10 mn.EUR	1,038.12 EUR	14.70 mn.EUR	11.15 mn.EUR	39.24 mn.EUR	0.01 mn.CHF	1,086.98 EUR	455.66 mn.EUR		
Front-end load (%) <sup>1</sup>	currently 0.00 (max. 2.00)	currently 0.00 (max. 2.00)	-	-	-	_	_	_		
	currently 0.60	currently 0.42	currently 0.64	currently 0.42	currently 0.64	currently 0.64	currently 0.42			
All-in fee in % p.a. 2	(max. 1.00)	(max. 1.00)	(max. 0.90)	(max. 0.90)	(max. 0.90)	(max. 0.90)	(max. 0.90)	0.42		
TER (%) <sup>3</sup>	0.65		0.69	0.475	0.69		0.476	0.43		



#### Share class overview

Benchmark	BLOOMBERG BARCLAYS EURO-AGGREGATE: CORPORATES EUR UNHEDGED RETURN IN EUR		
Management company	Allianz Global Investors GmbH		
Investment Manager	Allianz Global Investors GmbH, France branch		
Risk class	3 : conservative		
Fund manager	Hervé Dejonghe		
Financial year end	30/9/		
Net assets	880.99 mn.EUR		
Share class	WT - EUR	WT4 - EUR	
ISIN	LU1136108757	LU1697982061	
German security no.	A12EQG	A2H5F2	
Registered for sale in	AT, CH, DE, FR, GB, LI, LU, NL	AT, CH, DE, FR, GB, LI, LU, NL	
Fund currency	EUR	EUR	
Distribution	accumulation	accumulation	
Min. investment (prospectus)	10,000,000 EUR	250,000,000 EUR	
Launch date	22.06.2018	20.10.2017	
Share class volume	78.77 mn.EUR	1,001.88 EUR	
Front-end load (%) 1	-	-	
All-in fee in % p.a. <sup>2</sup>	0.42	currently 0.33 (max. 0.42)	
TER (%) <sup>3</sup>	0.427	0.348	



- <sup>1</sup> If the acquisition of Fund units is subject to a sales charge, up to 100% of such sales charge may be collected by the distributor; the exact amount shall be mentioned by the distributor as part of the investment advisory process. This also applies to any payment by the Management Company of an ongoing distribution fee from the all-in fee to the distributor.
- <sup>2</sup> The all-in fee includes the expenses previously called management, administration and distribution fees.
- <sup>3</sup> TER (Total Expense Ratio): Total cost (except transaction costs) charged to the fund during the last financial year.
- <sup>4</sup> The reported TER of 0.66 % p.a. relates to an abridged financial year. Since the TER is shown on an annualised basis, it may differ from the costs of 0.65 % p.a. that are actually expected.
- <sup>5</sup> The reported TER of 0.47 % p.a. relates to an abridged financial year. Since the TER is shown on an annualised basis, it may differ from the costs of 0.47 % p.a. that are actually expected.
- <sup>6</sup> The reported TER of 0.47 % p.a. relates to an abridged financial year. Since the TER is shown on an annualised basis, it may differ from the costs of 0.47 % p.a. that are actually expected.
- <sup>7</sup> The reported TER of 0.42 % p.a. relates to an abridged financial year. Since the TER is shown on an annualised basis, it may differ from the costs of 0.43 % p.a. that are actually expected.
- <sup>8</sup> The reported TER of 0.34 % p.a. relates to an abridged financial year. Since the TER is shown on an annualised basis, it may differ from the costs of 0.34 % p.a. that are actually expected.



#### Disclaimer

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